

MQA SURFACE SKILLS PROGRAM – MQA/SP/0177/19

SAQA US ID	116658	SPECIALISATION ELECTIVE		
Unit Standard Title	Drill intersecting holes for diamond wire sawing			
NQF Level	02	SGB	Mining and Minerals	
Credits	7	Notional Hours		70
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	2 days	3 days	3 days / 24 Hours
	RPL (Re-fresher)	1-2 days	1-2 days	N/A
	Re-certification	1 day	1 day	N/A
Ratio of candidates to assessor		4:1	4:1	1:1

NOTE: MQA SKILLS PROGRAM RULES BEFORE A SOR (Statement of Results) CAN BE ISSUED:

- All Cores need to be completed
- At least 1 Specialisation Elective
- At least 1 General Elective Unit Standard
- Additional 1 Day is required to conduct the Summative Practical Assessment after workplace exposure (logbook).

<p align="center"><u>PURPOSE OF THE COURSE</u></p> <p>This unit standard is intended to promote general skills, knowledge and understanding of drilling intersecting holes for diamond wire sawing in the mining and minerals sector in order to ensure knowledgeable and informed workers</p>	<p align="center"><u>PRE-REQUISITES</u></p> <ul style="list-style-type: none"> • Communication at NQF Level 1 • Mathematics at NQF Level 1 • Health and safety at NQF Level 1. • Working in a quarry • Certified copy of ID • Copy of learners Medical Certificate
<p align="center"><u>SPECIFIC OUTCOMES OF THE COURSE</u></p> <ul style="list-style-type: none"> • Demonstrate an understanding of drilling intersecting holes • Prepare to drill intersecting holes • Drill intersecting holes • Finalise and report on the drilling process 	<p align="center"><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></p> <p>The following embedded knowledge is addressed in an integrated way in the unit standard</p> <ul style="list-style-type: none"> • Purpose of drilling intersecting holes • Principles of operation of equipment used and names of components • Methods of drilling intersecting holes • Operating parameters and their implications • Relevant occupational hazards and risks and their mitigating actions • Typical non-conformances and their mitigating actions

RPL Evidence Requirements Prior to Enrolment

- Mine Induction Records
- Medical Certificate
- Curriculum Vitae
- Testimonial

Logbook supporting evidence requirements:

*** compulsory and ** additional supporting evidence.**

- Completed and signed Checklists *
- Completed and signed Risk Assessment *
- Clocking records and equipment tag records. **